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(54) Title: EXPRESSION SYSTEM

(57) **Abstract:** The present invention provides a recombinant polynucleotide, the polynucleotide comprising a first and a second sequence, the first sequence encoding a signal peptide comprising a TAT signal and a Sec avoidance signal and the second sequence encoding a heterologous protein. The sequence of the signal peptide is M - X<sub>1</sub> - K/R - X<sub>2</sub> - K/R - X<sub>3</sub> - RR - X<sub>4</sub> - K/R - A in which X<sub>1</sub> is a sequence of 0 to 10 amino acids, X<sub>2</sub> is a sequence of 0 to 3 amino acids, X<sub>3</sub> is a sequence of 0 to 10 amino acids and X<sub>4</sub> is a sequence of 15 to 24 amino acids in which at least 75 % up to about 90 % of the residues are hydrophobic.